

Amendment to the Claims

1. (Currently Amended) An airsleeve comprising an elastomeric liner; a reinforcing layer overlaying the liner; and an elastomeric cover overlaying the reinforcing layer; the reinforcing layer comprising: i) textile fibers having distributed over surface portions thereof an RFL adhesive; and ii) a plycoat formed from a rubber composition consisting essentially of: 100 parts by weight of at least one diene-based elastomer selected from the group consisting of natural rubber (NR), synthetic polyisoprene rubber (IR), butadiene rubber (BR) and styrene-butadiene rubber (SBR); from about 1 to about 40 parts by weight of a metal salt of an α , β - ethylenically unsaturated carboxylic acid; ; at least one additive selected from the group consisting of process oils, carbon black, silica, zinc oxide, fatty acids, sulfur, and cure accelerators; and from about 0.2 to about 5 parts by weight of an organic peroxide; wherein at least one of the elastomeric liner and elastomeric cover comprises at least one rubber selected from the group consisting of epichlorohydrin rubber (ECO), brominated butyl rubber (BIIR) and chlorinated butyl rubber (CIIR).

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) The airsleeve of claim 1, wherein the ~~plycoat rubber composition comprises from about 5 to about 20 parts by weight of amount of~~ a metal salt of an α , β - ethylenically unsaturated carboxylic acid ranges from about 5 to about 20 parts by weight.

5. (Currently Amended) The airsleeve of claim 1, wherein the ~~plycoat rubber composition comprises from 0.3 to 3 parts by weight of an amount of~~ organic peroxide ranges from 0.3 to 3 parts by weight.

6. (Original) The airsleeve of claim 1, wherein the ~~plycoat rubber composition comprising elastomer consists of~~ 50 to 95 parts by weight of natural rubber and 5 to 50 parts

by weight of a rubber selected from synthetic polyisoprene, butadiene rubber and styrene-butadiene rubber.

7. (Original) The airsleeve of claim 1, wherein said textile fibers are selected from the group consisting of woven fabrics, knitted fabric, or spun bonded fabric, and fiber cord.

8. (Previously Amended) The airsleeve of claim 1, wherein said textile fibers comprise a material selected from the group consisting of rayon, nylon, polyester, aramid, cotton, and combinations thereof.

9. (Previously Amended) The airsleeve of claim 1, wherein textile fibers comprise nylon.

10. (Original) The airsleeve of claim 1 wherein said airsleeve is a component of a manufactured item selected from shock absorbers, struts, truck cab suspension springs, truck driver seat springs, automobile air springs, and industrial air springs.

11. (Original) An air spring comprising the airsleeve of claim 1.

12. (Original) The airsleeve of claim 1, wherein said RFL comprises resorcinol, formaldehyde, and at least one polymer selected from styrene-butadiene copolymer and vinylpyridene-styrene-butadiene terpolymer.

13. (Original) An air spring comprising the airsleeve of claim 1, wherein the air spring is a bellows type air spring.

14. (Original) An air spring comprising the airsleeve of claim 1, wherein the airspring is a rolling lobe air spring.

15. (Cancelled)

16. (Currently Amended) The airsleeve of claim 1, wherein the ~~rubber composition further comprises amount of filler selected from carbon black and silica ranges~~ from about 30 to about 60 parts by weight of a ~~filler selected from carbon black and silica~~.

17. (Cancelled)

18. (Currently Amended) An airsleeve comprising:

an elastomeric liner;

a reinforcing layer overlaying the liner;

and an elastomeric cover overlaying the reinforcing layer;

the reinforcing layer comprising:

i) textile fibers having distributed over surface portions thereof an RFL adhesive; and

ii) a plycoat formed from a rubber composition consisting essentially of:

50 to 100 parts by weight of natural rubber (NR);

0 to 50 parts by weight of synthetic polyisoprene rubber (IR) or butadiene rubber (BR);

from about 5 to about 20 parts by weight of a metal salt of an α, β -ethylenically unsaturated carboxylic acid;

from about 0.2 to about 5 parts by weight of an organic peroxide;

from about 30 to about 60 parts by weight of a filler selected from carbon black and silica; and

at least one additive selected from the group consisting of process oils,

carbon black, silica, zinc oxide, fatty acids, sulfur, and cure accelerators;

the cover comprising epichlorohydrin rubber (ECO) and optionally chlorinated butyl rubber (CIIR).

19. (Original) The airsleeve of claim 1, wherein the metal salt of an α, β -ethylenically unsaturated carboxylic acid is selected from the group consisting of zinc diacrylate and zinc dimethacrylate.

20. (Original) The airsleeve of claim 1, wherein the organic peroxide is selected

from include dicumyl peroxide, n-butyl-4,4-di(t-butylperoxy) valerate, 1,1-di(t-butylperoxy)-3,3,5-trimethylcyclohexane, 1,1-di(t-butylperoxy) cyclohexane, 1,1-di(t-amylperoxy) cyclohexane, ethyl-3,3-di(t-butylperoxy) butyrate, ethyl-3,3-di(t-amylperoxy) butyrate, 2,5-dimethyl-2,5-di(t-butylperoxy) hexane, t-butyl cumyl peroxide, $\alpha\alpha'$ -bis(t-butylperoxy)diisopropylbenzene, di-t-butyl peroxide, 2,5-dimethyl-2,5-di(t-butylperoxy) hexyne-3, t-butyl perbenzoate, 4-methyl-4-t-butylperoxy-2-pentanone and mixtures thereof.

21. (Cancelled)
22. (Currently Amended) The airsleeve of claim 21, wherein the ~~rubber~~ composition ~~comprises~~ amount of natural rubber is 50 to 100 parts by weight of ~~natural~~ rubber (NR), and the amount of synthetic polyisoprene is 0 to 50 parts by weight of synthetic polyisoprene rubber (IR).